Skill Sheet 11-I-3

Objective 23: Ventilate a structure using mechanical positive-pressure ventilation. *(NFPA® 1001, 5.3.11)*

Student Name: _____ **Date:** _____

Directions

For this skills evaluation checklist, students will demonstrate mechanical positive-pressure ventilation. This skill requires two to three firefighters in full protective clothing and SCBA working together. Other factors such as search and rescue, fire control procedures, etc., will dictate when and how PPV should be applied. Remind students to always follow manufacturer's instructions for any equipment used.

You should direct firefighters to perform positive pressure ventilation on a structure. Provide the following information to students:

- Point of entry to use
- Location/seat of the fire
- Possible exit openings to use
- No other operations are going on inside the structure
- Forcible entry has occurred
- There is no wind

Equipment & Materials

- Full protective clothing including SCBA
- One or two PPV fans
- Forcible entry tools as applicable
- Smoke-filled training structure
- Charged hoseline

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass ☐ Fail ☐

Evaluator Signature Date

Student Signature Date

Skills Evaluation Checklist

Objective 23: Ventilate a structure using mechanical positive-pressure ventilation.

	Task Steps	Yes	No
1.	Confirm order with officer to ventilate structure.		
2.	Place fan near entrance opening so that it will create a positive pressure within the structure.		
3.	Start fan(s) and temporarily direct away from opening.		
4.	Create exit opening approximately equal to or smaller than the "point of entry."		
5.	Direct fan into point of entry so that cone of air covers opening.		
6.	Determine if smoke is moving away from point of entry and toward exit. If not, discontinue use of fan and revaluate location of point of entry and exit and any obstructions of the flow of air.		
7.	Clear smoke out of building.		